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Escape from the State of Nature: Authority and Hierarchy in World Politics.

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Data Appendix

Hierarchy Indicators

Index of Military Personnel (us_indexmilperpop1995): Department of Defense, Total Active Duty Military Personnel Stationed Abroad by Country. Department of Defense data compiled by the Heritage Foundation, available at: <http://www.heritage.org/Research/NationalSecurity/cda04-11.cfm>. Normalized to one for the highest country value in 1995.

Index of Independent Alliances (us_indally): The EUGene data generating software (Bennett and Stam 2000) reproduces each square of the matrix used to compute the S or “similarity” of alliance portfolios (Signorino and Ritter 1999). The independent alliances scores were computed using gportu41, which ranges from zero to 50 and calculates the number of countries that are allied with country *i* but not the United States. The index was then calculated as 1/number of independent alliances if country *i* was allied with the United States. Variable naturally ranges from zero to one.

Index of Security Hierarchy (us_SH1995): Sum of the indices of military personnel and independent alliances, normalized to one for the highest country value in 1995.

Index of Exchange Rate Regime (us_indexexchangerate1995): De facto exchange rate regime as classified by Reinhart and Rogoff (2004). Anchor currency from Meissner and Oomes (2004). For countries anchored to the United States, dollar, Reinhart and Rogoff

index is rescaled as 9-15 = 0, 5-8 = 1, 3-4 = 2, 1-2 = 1. All others coded as zero. Data kindly provided by Christopher Meissner.

Index of Relative Trade Dependence (us_indexreltrdep1995): Each country's total trade with the United States divided by its GDP, minus that country's trade divided by GDP with Great Britain, France, Russia, and China. Index is artificially truncated at zero (no hierarchy). Normalized to one for the highest country value in 1995. Data from Gleditsch (2002).

Index of Economic Hierarchy (us_EH1995): Sum of the indices of exchange rate regimes and relative trade dependence, normalized to one for the highest country value in 1995.

Dependent Variable

Defense Effort (def_eff): Military expenditures/GDP. Military Expenditures from the COW National Material Capabilities Dataset (Singer 1988), via EUGene (Bennett and Stam 2000). GDP from Gleditsch (2002).

Control Variables in Base Model (Table 2)

MID Involvement (mid2): Dichotomous variable coded as one if country experienced a Militarized Interstate Dispute during the previous year, as defined and reported in the Militarized Interstate Dispute Dataset (Jones, Bremer, and Singer 1996), via EUGene (Bennett and Stam 2000).

Number of Other Allies (otherallies): The total number of defense alliances of country. The EUGene data generating software (Bennett and Stam 2000) reproduces each square of the matrix used to compute the S or "similarity" of alliance portfolios (Signorino

and Ritter 1999). The number of other allies variable is the sum of gprortu11, gportu12, gportu13, gportu14 minus one (each state is assumed to be allied with itself).

Real GDP per capita (rgdpc_k): In constant 1996 dollars. From Gleditsch (2002).

Democracy (polity2): Polity2 variable in the PolityIV Dataset (Marshall and Jaggers 2002). Ranges from -10, least democratic, to 10, most democratic.

Additional Controls

CINC score (cap): Correlates of War, National Material Capabilities dataset (Singer 1988), via EUGene (Bennett and Stam 2000).

Civil War (cviwar): Dummy variable equal to one if country involved in a civil war. COW Intra-State War Data, 1816-1997, v.3.0 (Sarkees 2000).

Warsaw Pact (warsaw): dummy variable equal to one if country was a member of the Warsaw Pact alliance. Coded by author.

Total Population (pop): From Gleditsch (2002).

Military Personnel (milper): Correlates of War, National Material Capabilities dataset (Singer 1988), via EUGene (Bennett and Stam 2000).

Real Gross Domestic Product (rgdp): In 1996 constant dollars. Computed from Gleditsch (2002).

Major Power (majpow): Dichotomous variable from COW membership list (Singer and Small 1982, , updated 1997), via EUGene (Bennett and Stam 2000).

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